

CONFIDENTIAL

~~SECRET~~

6139

Monthly Progress Report

1 October - 31 October 1960

Simplified error correction and normalizing circuits, similar to those shown in figure 3 of the proposal, have been added to the breadboard. These function as planned, permitting the correlator to make accurate decisions in a few seconds. More exact adjustment of the parameters affecting accuracy and decision time can be made after incorporation of automatic-gain-controlled amplifiers to feed the correlator. However, it now appears that decision speed in the field will be limited by the supply of input sounds rather than by the computer itself.

Logic, control, and timer circuits, including decision lights, have also been added to the breadboard. In addition, further work has been done on the acoustic delay lines, and these are now nearly ready for use in testing the correlator.

25X1

~~SECRET~~

CONFIDENTIAL

60-1279